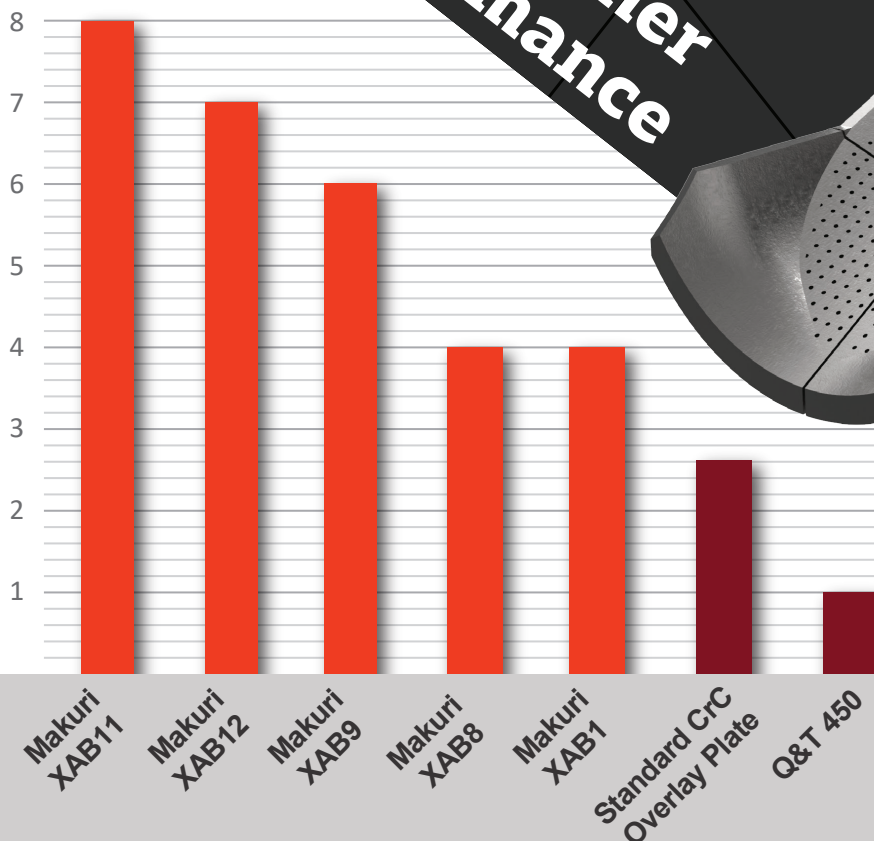


Makuri MAK-Hard XAB Reinforced Ceramic Composites

Superior wear liner
performance



**Wear Life Comparison based on
independent materials testing
and extensive field trialling**

When extended service intervals are demanded to optimise shutdown cycles and prevent unplanned downtime, Makuri Technology offers a range of ceramic composites to achieve this.

Makuri XAB 11 and XAB 12 utilise high chrome white iron with Alumina-based or Silicon Carbide reinforcement.

Wear life has been shown to exceed 450 BHN Q&T plate by 6 - 8 times and standard Hi-Chrome white irons by up to 2 times. These advanced materials along with our design improvements will optimise performance and allow for increased throughput rates in both TPOH and total operating time.



These composites provide exceptional resistance to high-speed coarse and fine particle abrasion, low-speed gouging and high impact. They are particularly well suited to;

- Dump pockets and discharge chutes
- High velocity and impact material transfer chutes both conventional and curved design
- SAG Mill feed chutes
- The sidewall base area of reclaim feeders

If you want the best with both materials and design we have it

Material	Details	Max Overall Thickness
MAK-Hard XAB1	White Iron bimetallic	>100mm
MAK-Hard XAB3	High chrome white iron	200mm
MAK-Hard XAB8	Chromium carbide plate	40mm
MAK-Hard XAB9	Complex carbide plate	40mm
MAK-Hard XAB11	Silicon Carbide cast Composite	>100mm
MAK-Hard XAB12	Alumina-based infiltrated Ceramic	>100mm



This is a 'best in class' 5F industrial standard covering all products and guarantees the Fit, Form, Function of such items and that they are also free of defects in Faulty Workmanship and Faulty Materials. Products that fail to meet this guarantee are fully replaced or fully credited.